

## CONFIGURING CACHE MEMORY FROM A STORAGE CONTROLLER

### ABSTRACT

Disclosed are a storage controller, and a method of operating a storage controller, for interfacing between host systems and a storage devices system. The storage controller includes a first cluster including a first processor and a first cache, and a second cluster including a second processor and a second cache. The method comprises the step of directing data from the host systems through first and second data paths to the storage system. The first processor and cache are associated with the first data path, and the second processor and cache are associated with the second data path. Under one set of conditions, the controller enters a failover mode, wherein data directed to the first data path are routed to the second data path. Under another set of conditions, the controller deconfigures the first cache without entering the failover mode.